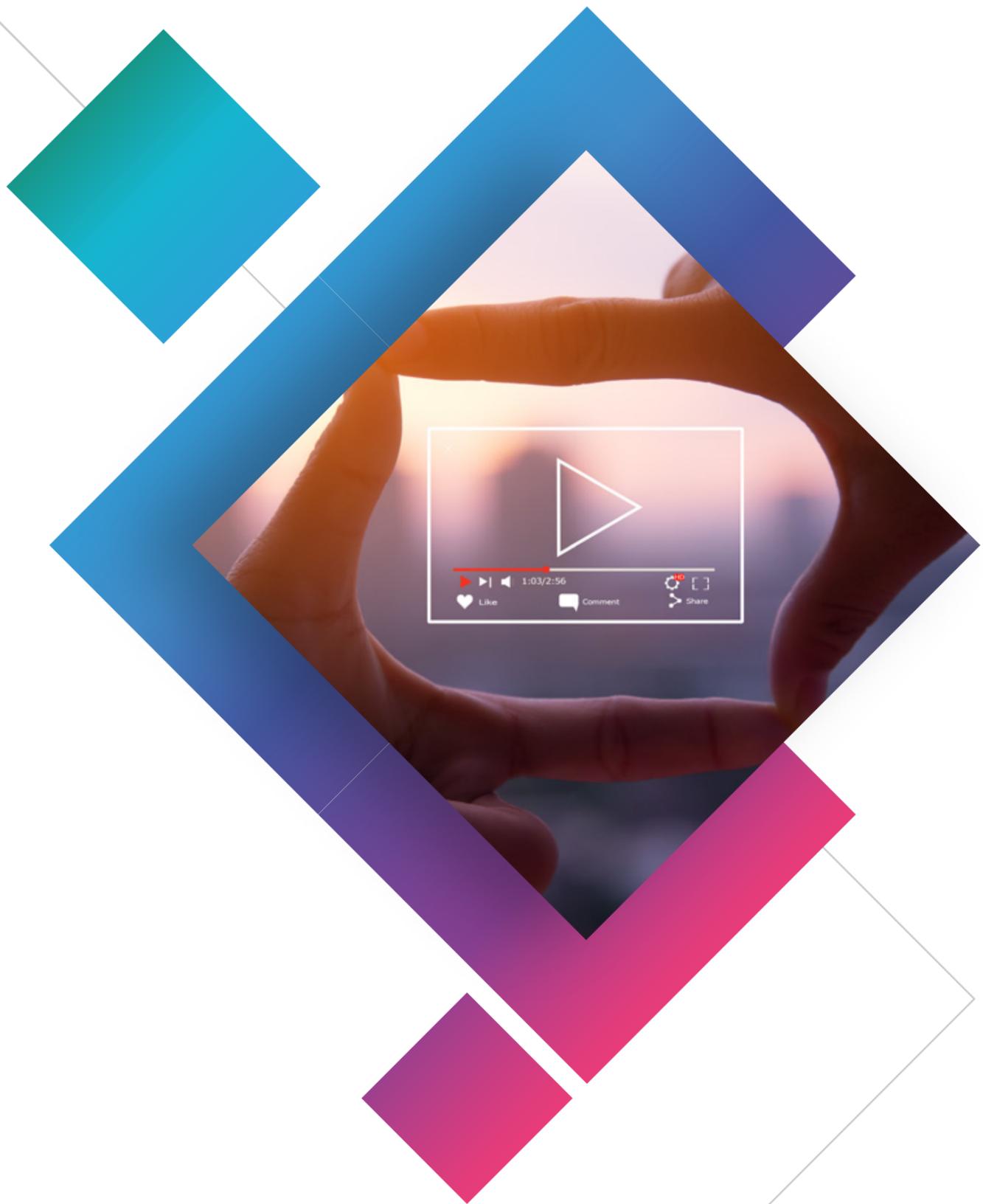


IN-APP ADVERTISING PLATFORM



Mastery in
Software
Engineering



Key Facts

 Industry: Advertising

 Team Size: 13 People

 Duration: 2.5+ Years

 Technologies:

Java, iOS, Android

JavaScript.

 Services:

Software Development

 Trends:

Mobile Advertising

App Monetization

Highlights

- Includes a reporting API for compiling reports on various KPIs and metrics by period
- Features a custom software development kit (SDK) for a fast integration for Android and iOS
- Compliant with industry standards MRAID 3.0 and VAST 4.1



Solution

Our client is a global company expanding on three continents, revolutionizing in-app advertising. The one billion monthly mobile users platform represents an ecosystem that ensures the connection between publishers and demanders.

The solution, an intelligent self-service platform and a full-featured publisher ad server, has an automated process powered by new technologies. The process of connecting app developers, mobile publishers, and advertisers takes less than a second.

- The Ad Request triggered by a user while using an app goes through our client's platform, which includes RTB.
- As the Ad Request reaches the Demand Side advertisers start the Bid based on an alignment of interests between their targeting parameters and the information provided in the Ad Request.
- When the Bid is set, the Ad is served in the App, to the user.

The platform integrates a detection system based on machine learning for harmful ads, ensuring the quality of the ads served in the app.

Collaboration

The collaboration began more than three years ago with a distributed team.

We are providing custom software development services for the client. Our team is using Angular to build the publisher platform, a full-featured ad server. Through it, the client connects publishers to the demand side platforms and the integrated ad networks.

The platform operates a highly available, globally distributed, latency bound web service hosted exclusively on Amazon Web Services. The environment relies heavily on Ubuntu LTS in EC2, as well as many other AWS services.

The project is divided into four verticals: Core – includes Data Management and the Java Development; DevOps – responsible for the platform's infrastructure and its maintenance; End Customer Facing – the platform as seen by the publishers and demanders and Integrate – integration with the platform to access the demand partners.

The client's team ensures Project Management.

Client Benefits



RELIABILITY:

A long-term collaboration between the software development team and the client



QUALITY:

High-quality deliverables built with modern technologies



SKILLS:

Mixed seniority team with strong technical and industry know-how



ABOUT FORTECH

Fortech is a top Romanian software development company headquartered in Cluj-Napoca. With a workforce of 1150+ people, Fortech has been repeatedly recognized by Deloitte, IAOP®, EY, and Forbes for its fast-growing, entrepreneurial journey.

With expertise and a strategic focus across healthcare, financial services, automotive sectors, and more, we cover the end-to-end software life cycle development to deliver the innovation, scalability, quality and speed our clients need.

Our approach to software engineering combines strong technology and process know-how, Agile delivery methods, and a blend of code quality practices and metrics refined in almost two decades. Since 2003, over two hundred fifty clients chose Fortech as their tech partner.

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